

From owner-qrp-l@netcom.com Wed Mar 15 22:10:03 1995
Message-Id: <199503152232.0AA26480@interval.interval.com>
Date: Wed, 15 Mar 1995 14:34:44 -0800
From: burdick@interval.com (Wayne Burdick)
Subject: 1x2 calls not in use in 6-land?

Does anyone know of a quick way of determining what 6-land 1x2 or 2x1 calls are NOT in use yet? I have a friend who wants to submit the "right" list to the FCC.

Wayne, N6KR

From owner-qrp-l@netcom.com Wed Mar 15 15:45:30 1995
From: David Johnson <djohnson@acpub.duke.edu>
Message-Id: <199503151726.MAA26802@bio3.acpub.duke.edu>
Subject: 2m tuner
Date: Wed, 15 Mar 1995 12:26:09 -0500 (EST)

Hi y'all:

Had some queries from people on the list regarding the 2m tuner I built (loads up about anything metallic on 2m, qrp of course ;-)
It was fun and easy to make. The reference is June 1993 CQ (CQ Amateur Radio), pages 40-43, "How to Build a Transmatch for 2 Meters", by Lew McCoy, W1ICP.

Have fun!

72,
Dave
--

David W. Johnson	Power is no substitute for skill
Amateur Extra WA4NID	QRP ARCI 6546
email: djohnson@acpub.duke.edu	G-QRP 4864
packet WA4NID@KB4WGA.NC.USA.NA	NorCal 355

From owner-qrp-l@netcom.com Wed Mar 15 21:46:42 1995
Message-Id: <199503152214.RAA01189@usc02.rfc.comm.harris.com>
Subject: Re: 2m tuner
Date: Wed, 15 Mar 95 17:14:33 -0500
From: "Chris Reich WB2DYJ" <cnr@rfc.comm.harris.com>

The 1973 ARRL Handbook also described the construction of tuners for both 6M and 2M, that is, one for each band. Looks pretty simple, but I haven't done it myself.

Chris

>
> Hi y'all:
> Had some queries from people on the list regarding the 2m tuner
> I built (loads up about anything metallic on 2m, qrp of course ;-)
> It was fun and easy to make. The reference is June 1993 CQ
> (CQ Amateur Radio), pages 40-43, "How to Build a Transmatch for
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>

From owner-qrp-l@netcom.com Wed Mar 15 05:04:20 1995
From: ab4el@cybernetics.net (Stephen Modena)
Message-Id: <9503150631.AA25070@cybernetics.net>
Subject: A Great Fox Hunt Turnout
Date: Wed, 15 Mar 1995 01:31:15 -0500 (EST)

Poor Ron...wearing out his voice on 40 M. :^) Just incredible
splatter from BC stations and really weird digital-like stuff.
I heard a single station: a QRO portable station in Oregon.

Now 75 M was obviously another story. As soon as I heard the Fox N8VAR,
Bob W03B and Jim KC1FB; I knew that the band was *open*!

Ron, running 5 W, was 59 here all along. I'm in Raleigh, NC and I heard
these people working him: W03B 59+, KC1FB 59, AD4ZE 59, N9DD 57,
AA2PF 33->57, N2LVC 59, WB2TJO 59+10, WA3QKB 47, N1QPR 33->55. I believe
there are a couple of callsigns in there that I haven't heard in our
sessions before. Welcome!

In the 3.905-3.910 segment, a couple of us had some fun with Ron, the
Fox. :^) Bob W03B started it by turning his rig down to 750 MW and
calling Ron. Mind you, at that power he was 59+10 here. Not to be
out done, I turned it down from 5 watts to 1 watt and gave Ron a call...
got a 48 report. :^) Warren AD4ZE, a couple miles away from here in
Cary NC, called Ron at 1 watt. :^) Ron made the exchange though
two heterodynes on the frequency.

I waited a bit, then called Ron again to pester him with my 250 MW.

He gave me a 33.

I stuck my best crossed-needle SWR-power meter into the line... 'cuz it has a nice 10 watts scale. Carefully setting the mic gain with hard whistling, I was ready.

I let the Fox call CQ some more and then I blasted him with 100 MW...and he insisted that I was still 33.

While Ron was working to dig out N1QPR, I turned it down to the point that no matter how hard I whistled, the needle just barely "bobbed." ;^)

Now this is where we prove that Ron N8VAR is a good op....I called him and gave him a 59 and 3x repeated: "less than 50 MW"! He gave me a "weak 33" and heard the "50 MW". :^) Good boy, Ron! I don't believe I was running more than 10 milliwatts...if that.

After the Fox Hunt, I talked to W03B who said he had heard me also. Then KC1FB in CT called me to let me know that he had heard me "all of the way down."

I hope the people on this list will begin to realize how much fun this SSB QRP Fox Hunting on 75 M is!

I gotta get an Oak Hill QRPp meter for the fall: I'm going to shame you milli/micro-watt record setters. SSB makes much more sense for record setting: more people can relate to it. :^)

--

73/Steve/AB4EL ab4el@Cybernetics.NET in Raleigh, NC 35.81245N, 78.65849W

From owner-qrp-1@netcom.com Wed Mar 15 13:34:30 1995

From: Bill Northup <northup@sw.stratus.com>

Message-Id: <199503151402.JAA07209@blackdog.sw.stratus.com>

Subject: Re: A Great Fox Hunt Turnout

Date: Wed, 15 Mar 1995 09:02:07 -0500 (EST)

> While Ron was working to dig out N1QPR, I turned it down to the point that
> no matter how hard I whistled, the needle just barely "bobbed." ;^)

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> and gave him a 59 and 3x repeated: "less than 50 MW"! He gave me a
> "weak 33" and heard the "50 MW". :^) Good boy, Ron! I don't believe
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>

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> Then KC1FB in CT called me to let me know that he had heard me "all
> of the way down."

>

Last night I was getting splattered all over the place. The only people that I could hear were Ron N8VAR who was doing great when the noise was below S9, and KC1FB. After I contacted Ron I heard him respond to someone that he was down to 500mw. I can usually hear better to the south and was suprised that I didn't hear the usual gang down that way.

Bill

--

Bill Northup	PHONE:	(508) 460-2085
Stratus Computer Inc.	INTERNET:	northup@sw.stratus.com
55 Fairbanks Boulevard	Amateur Radio:	N1QPR
Marlboro, MA 01752		QRP-NE #307

From owner-qrp-l@netcom.com Wed Mar 15 17:24:46 1995
Subject: Re: A Great Fox Hunt Turnout
Date: Wed, 15 Mar 1995 08:38:09 -0800
Message-Id: <27001.795285489@safety.ics.uci.edu>
From: Clark Savage Turner WA3JPG <turner@safety.ICS.UCI.EDU>

Tough going on the west coast! I heard Ron out here, just at my noise level, on 40 meters. Once, he said he thought he heard someone, but then went on calling CQ when he couldn't pull me out. I called and called, and got answers from Jim, KC1FB and Art, KB7WW, but either they couldn't hear Ron or he couldn't hear them at the time.

On 75 meters, BOTH segments were FULL up with high powered QSO's here on the west coast. I could just about hear some stuff with my slope tuning closed up real tight, but couldn't begin to pull them out.

All this - with my "new" 450 foot loop up at 45 feet just for the occasion! I must say, it seems to pick up less atmospheric noise than my dipole. Had to make a 150 foot run of RG8X to feed it though, no problem on 40 or 75 (carrying a 3 or 4 to 1 swr), but higher than that the losses look awful. Would be hard to run twin lead (the thing is almost "invisible" here in campus housing, got 4 trees surrounding my 8 unit apartment building at about 100 foot intervals!)

Till next time.

Clark
WA3JPG

From owner-qrp-1@netcom.com Wed Mar 15 17:24:52 1995
From: rossi@VFL.Paramax.COM
Message-Id: <9503151824.AA14230@gvlf9-a>
Date: Wed, 15 Mar 95 13:24:22 EST
Subject: Re: A Great Fox Hunt Turnout

I listened for Ron N8VAR on 40 meters from about 9:35 - 9:45 ... Nothing.

Came back down around 10:10 PM and he sounded great on 75 -- hitting +20 over on my Drake 2B and inverted vee here in southeast PA. I could also hear everyone he worked from 10:10 to about 10:25. Most were well over S9.

Minor technical difficulties kept me from getting my TX on the air so I could work him. Oh well.. maybe next time.

Pete Rossi - WA3NNA
rossi@vfl.paramax.com
Unisys Corporation - Government Systems Group
Valley Forge Engineering Center - Paoli, Pennsylvania

From owner-qrp-1@netcom.com Wed Mar 15 22:00:02 1995
From: JimN00CT@aol.com
Date: Wed, 15 Mar 1995 18:19:23 -0500
Message-Id: <950315181833_50619551@aol.com>
Subject: AK QSO Party: Satellite!

Everyone--

AK (Alaska) QSO party is this weekend, and has categories for QRP (defined as 10W OUTPUT--Crank it up!!). One can earn extra points for satellite QSO's, sooooooooooooo.....

Any AK hams (QRP or not) that will be in the contest, try RS 12/13! All us other QRP'ers should also try this bird--it's easy to work (15 meters up, 10 meters down).

I have yet to work AK/QRP, but will give it a go this weekend! Will even 'go to the birds.'

Look in March QST for particulars. Runs 0000Z 18 March to 2400Z 19 March (I read that as 48 Hrs.). SSB/CW/Digital.

Sorry for the bandwidth, but our International friends might like a chance at working AK as well!

73 ES CQ AK TEST, Jim N00CT

From owner-qrp-1@netcom.com Wed Mar 15 11:35:45 1995
Date: Wed, 15 Mar 95 07:28:00 EST
From: "Travis, Paul" <ptravis@mail.hq.faa.gov>
Message-Id: <9502157952.AA795281187@mail.hq.faa.gov>
Subject: Building with the NE-602

The first of a three part series on "Building Receivers With The NE-602" double-balanced modulator or mixer is featured in the Ham Radio column (page 78), of April 1995, Popular Electronics.

73, Paul K0PT
ptravis@mail.hq.faa.gov
petravis@aol.com

From owner-qrp-1@netcom.com Wed Mar 15 21:34:35 1995
Date: Wed, 15 Mar 95 17:01:45 PST
From: dh@deneb.csustan.edu (Doug Hendricks)
Message-Id: <9503160101.AA21440@deneb.csustan.edu>
Subject: Cascade Update 3-15

Cascade Prototype Update:

We are making progress. John, K7R0, Vern W6MMA, and I (Doug, KI6DS) all have the receiver section of our prototype Cascades working. But, it was not without a struggle.

When you build prototypes, you will find bugs and problems, that is why you build them. The Cascade has not been an exception to that rule. We just spent a week finding a major bug in the audio amplifier section. The LM383 worked fine in John's rig, but Vern and I were having huge current draws, and the 383 was really running hot. John and I spent several hours on the phone trying different fixes and none of them working. Finally, I decided to send my rig to John so that he could troubleshoot the problem. (Remember, his rig was working fine.) As soon as John had the rig he found the problem was the board. It is a double sided board and one of the holes had not plated through, so the circuit was not complete and not all of the parts were connected. As soon as he discovered and fixed the problem, we found that the 383 was blown. He put another one in, and bingo! the receiver came right up.

Vern was on hold waiting for John to diagnose the problem, and he made the necessary corrections to his board last night. He also had the same problem with the connection not being plated through on the board. This is why you want to solder both sides when you can on a double sided board. Vern called me and I knew as soon as I picked up the phone that he had his receiver section working, as I could hear it in the background and I could hear the excitement in his voice.

The next step is to get the transmitter side working. When we have that working the battle will be over! It is a real relief to get the problem solved, and I was very nervous until the cause was discovered. So far, the three prototype boards have been very similar in characteristics, which is a good sign. There is a fourth prototype being built by John Koenig, but John is sharper than the rest of us. He is waiting until we finish to build his so he can let us have the "fun" of all of the discoveries.

We have discovered a great mike to use. It is the Radio Shack speaker mike that sells for \$19.95 and is on page 39 of their current catalog. This mike is cheaper than the MFJ, and is readily available. The mike also has an external speaker jack, so that you can bypass the speaker in the mike when you are using it at the home station.

I should mention that we received very good service from the company that did the prototype boards. John sent the files to them on Monday and he had boards in hand on Wednesday, yes of the same week. 2 days turnaround!! The boards are double sided, plated through (all except 1 hole!!), but they don't have a solder mask or silk screen. (The production run will have both) The cost to NorCal was \$150 for 4 boards that are approximately 5.5" x 6". I am anxiously awaiting the return of my rig, should have it today or tomorrow.

The Cascade is the next project of the NorCal QRP Club. It is a dual band SSB rig that will put out 8 watts PEP on 75 and 4 watts PEP on 20 meters. It is in a Sierra style case (all connectors and controls are board mounted, NO WIRING), and it uses plug in band modules that are similar to the Sierra (no they are not interchangeable). We will show the prototypes and debut the rigs at Dayton. The price goal is <\$150 for a complete kit. The goal looks reachable, but we will not have a final price until the prototypes are finished and working. The Cascade is designed to be a simple, easily reproducible SSB kit that can be built by the average builder with a minimum of test equipment. There will be a comprehensive manual, and one of the features of the manual will be that the rig is built in 10 steps, with testing of each section before going on to the next. This was the same procedure that Roy Gregson used in the NW80-20 rig that is currently being sold by Dan's Small Parts, and was published in the September 1994 issue of QRPp. Stay tuned, more to follow.....

72, Doug KI6DS

From owner-qrp-l@netcom.com Wed Mar 15 11:55:26 1995
Date: Wed, 15 Mar 1995 07:50:13 -0500 (EST)
From: James Prentice WA2MZF <PRENTICE@scanva.canton.edu>
Subject: curtis chip(s)
Message-Id: <01H050EM2D200006YQ@scanva.canton.edu>

I am planning on building up a keyer with the curtis chip(s)
a few ckts in handbooks and elsewhere and not sure which as
yet.

Mouser elec carries the chips, but same price for diff chips
so the question is what is the diff between the two chips and

why would I purchase one over the other ? tks in advance.

From owner-qrp-l@netcom.com Wed Mar 15 17:51:50 1995
Message-Id: <2f673eff.pandora@pandora.lugs.po.my>
Date: Thu, 16 Mar 1995 03:24:43 +0800
From: "W. Daniel, 9V1ZV" <daniel@pandora.lugs.po.my>
Subject: Re: curtis chip(s)

On Wed, 15 Mar 1995 07:50:13 -0500 (EST), "James Prentice WA2MZF"
<PRENTICE@scanva.canton.edu> wrote:
> I am planning on building up a keyer with the curtis chip(s)
> a few ckts in handbooks and elsewhere and not sure which as
> yet.
> Mouser elec carries the chips, but same price for diff chips
> so the question is what is the diff between the two chips and
> why would I purchase one over the other ? tks in advance.

Get the 8044ABM, the rest are actually out of production. The ABM suffix means that it can do type A or type B keying, plus it has the option of adding a speed meter. Another thing abt ABM chips is that it can be configured to do negative weight adjustment as well as positive, unlike the earlier versions which didn't allow negative adjustment. The ABM has more pins (4 more I think) but apparently it will fit into the same socket as the older ones, with the extra pins hanging out. I know the ABM has built in sidetone circuitry but am not sure if the earlier chips have this feature, presumably so. For the same price, the 8044ABM offers a lot more.

73 de 9V1ZV Daniel

p.s. I just put an 8044ABM keyer into a box for use with my new Bencher. I have the works, audio sidetone, negative weight adjustment, etc.

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+-----+-----+
| Daniel Wee | daniel@pandora.lugs.po.my |
| 9V1ZV      | daniel.wee@f516.n600.z6.fidonet.org |
| UUCP1.12j  | Packet: 9V1ZV @ 9V1VS.SGP.AS -- |
+-----+-----+
```

From owner-qrp-l@netcom.com Wed Mar 15 22:35:53 1995
Date: Wed, 15 Mar 1995 18:35:22 -0500 (EST)
From: "Harold J. Kohl" <kohl@romulus.ncsc.mil>
Subject: Re: curtis chip(s)
Message-Id: <Pine.D-G.3.91.950315183234.9413A-100000@romulus.ncsc.mil>

I like the CMOS II Keyer (kit form) I use it. Information is in the Nov 1990 QST and 1992 and later Radio amateur's Handbook. It is a 40 pin IC with z80 processor, 32K mem (I think) broken down into four channels with

floating point memory. Only what is used per channel is consumed, the rest is usable by the remaining channels. John K04A

On Wed, 15 Mar 1995, James Prentice WA2MZF wrote:

> I am planning on building up a keyer with the curtis chip(s)
> a few ckts in handbooks and elsewhere and not sure which as
> yet.
> Mouser elec carries the chips, but same price for diff chips
> so the question is what is the diff between the two chips and
> why would I purchase one over the other ? tks in advance.
>

From owner-qrp-l@netcom.com Wed Mar 15 22:07:48 1995
From: JimN00CT@aol.com
Date: Wed, 15 Mar 1995 18:19:38 -0500
Message-Id: <950315181847_50619890@aol.com>
Subject: Ferrites (was VHF Baluns)...

All--

I fired off email in response to Mike WA8MCQ's suggestion that we were closer to the truth regarding ferrite composition with "Gee, ferrite would indicate some iron to me". Well, it does.

According to the Kirk-Othmer Encyclopedia of Chemical Technology, ferrites (as we use them, not the metallurgical term for Fe_3C) are composed of transition metals, iron and oxygen. Those used for telecommunications, radio or computer memory [how many of you remember (let alone have seen) magnetic toroid core memories?] are usually *spinel* ferrites, with chemical structure $\text{M}_2\text{Fe}_3[\text{O}]_4$, where the M can be Manganese, Magnesium, Zinc, Cobalt, Copper, Iron, or mixtures of these.

The manganese/zinc ferrites are most often used in telecommunications circuits. Radio circuits most often employ Nickel/Zinc ferrites. By careful adjustment of the nickel:zinc ratio, it is possible to make "ferrites" that cover the permeability range of 10-2000u. Hence the different mixes etc. for ferrite cores.

Initial permeability (measured at 298K) is inversely related to frequency of application. The higher the permeability, the lower the frequencies for which the material is usually used. As an example, Ferroxcube type 4C4 (which seems close to Amidon type 43) has an initial permeability of 125u, and is suggested for use between 1-20 MHz. Ferroxcube type 3B7 has an initial permeability of 2300u, and is suggested for use between audio and 300 kHz.

These suggested uses seem centered around filter uses, power transfer or transformation, and do not address other uses such as RFI suppression.

There. I've answered my own question. I've also bored everyone to tears.
I'm sorry.

[obligatory QRP subject]

Hey, I finished stuffing my 40-40 board, minus some missing parts and the crystals. After the SLQS meeting tonite, I will let the R-390/A warm up for an hour and find the crystals most closely matching each other (by ear) to stick in the filter section. What a neat radio (for my first kit)!

73, Jim

Independent Owner/Operator of radio station N00CT

From owner-qrp-l@netcom.com Thu Mar 16 02:23:47 1995
Message-Id: <ab8d6aac020210039ee5@[129.74.35.16]>
Date: Wed, 15 Mar 1995 23:26:49 -0500
From: Steve.Hideg.1@nd.edu (Steve Hideg)
Subject: How about a WWW site?

I've just started playing with some HTTP server software. I'm toying with the idea of providing an official WorldWide Web site for this list.

This would be a place for images, links to members' home pages (for those that have them), schematics, etc.

Perhaps we could even get a mechanism in place for publishing contest scores.

Now, I certainly don't want to duplicate any efforts of our fabulous newsletters out there. But I think there is a definite place for such a service. This could be especially useful for folks who join the list and are wondering about various equipment discussed. We could post pictures and descriptions of the various rigs people use and talk about, profiles of list members (if they want them, based on 9V1ZV's lists, for example), FAQs, schematics, contest info, etc.

Now, I don't want it to be the archive for the messages generated in this list. My idea is to provide a text/visual/audio site for folks to find info that is often discussed on the QRP list.

The official debut of the site would be sometime after the 1995 Dayton Hamvention. Featured will be photographs of QRP activities in Dayton by various list members who wish to donate.

What do y'all think?

--Steve

Steve Hideg Macintosh Consultant/Analyst

Office of University Computing	Telephone: (219) 631-EXAM
G034 Computing Center/Math Building	E-mail: Steve.Hideg.1@nd.edu
University of Notre Dame	URL: http://www.nd.edu/~shideg/
Notre Dame, IN 46556	Ham Radio: N8HSC/9

Action figures sold separately.

From owner-qrp-1@netcom.com Wed Mar 15 10:27:31 1995
Date: Wed, 15 Mar 1995 07:59:17 -0500 (EST)
From: prvalko <prvalko@Oakland.edu>
Subject: incredible evening!
Message-Id: <Pine.3.89.9503150726.A25752-01000000@saturn.acs.oakland.edu>

Last night, the Utica Shelby Emergency Communications Assoc. (USECA) held their monthly ham meeting. The program was...QRP!

I have to say it was a once in a lifetime sight! One table had EVERY Ten*Tec QRP rig from 1969 through 1988. Power Mites I, II and III! All three versions of the Argonauts 505, 509, and 515. Even a RARE 409 amplifier! Simply fantastic... and I with out my camera. Fortunately, one of the wiser attendees took some snapshots for me.

Also on display were rigs from MFJ, TEJAS, Dan's Kits and Small Easily Lost Parts. I brought my new NorCal 40a, and enjoyed a tremendous ego explosion as I graciously took credit for all the hard work NorCal did in designing that kit so that it looked SO COOL when completed! I easily could have sold at least ten of them last night.

Heath was well represented with an HW-7 and an HW-8 as well as some of the HW-9 accessories. no rig :-(There was a Halicrafters "spy" qrp rig. A rare DIGITREK 20M SSB rig, was sitting next to a complete SCOUT (turned to 5watts) station mounted in a thermal picnic cooler!

I was happy to see Byron WA8LCZ, brought his QRP PLUS and let me hold one for the first time. Boy, was I impressed. That unit is one solid rock! I was very surprized by the weight and solid feel of it. It is not "tippy" at all--as suggested by the single, front tilt-bail. Now I REALLY can't wait to get mine!

One of the guys in the group is interested in going in on another group purchase of QRP+. If there is going to be another, please e-mail so that I may pass the word to him.

73! =paul= wb8zjl

From owner-qrp-1@netcom.com Wed Mar 15 14:28:23 1995
Message-Id: <199503151715.AA12132@zia.aoc.nrao.edu>
Date: Wed, 15 Mar 1995 10:15:45 -0700
From: Paul Harden <pharden@aoc.nrao.edu>
Subject: Re: incredible evening!

I'm kinda interested in this Hallicrafter "spy" QRP rig. Never heard of such a thing. Did you learn anything about it you can share with us?

Paul NA5N

From owner-qrp-1@netcom.com Wed Mar 15 17:28:09 1995
Date: Wed, 15 Mar 1995 14:18:21 -0500
Message-Id: <199503151918.AA24097@yfn.ysu.edu>
From: ak238@yfn.ysu.edu (Keith M. Hamilton)
Subject: MFJ-1621 Portable Antenna

I have a question for the list. I have a need for a portable antenna. I cannot erect a permanent antenna at this location and I have no trees to throw wires into. Also I want to work from this location on a pretty regular basis so I want something that is small and relatively simple to set up when needed.

The MFJ-1621 Portable Antenna seems to fit the bill although I don't have a very high regard for SOME of their products. Has anyone tried this antenna? Is it a quality product? And how did it work for you? I want to use it for 40M CW with my NorCal 40.

Tanks for taking the time to read my note and thanks in advance for replying!

72 Keith

(Sorry about the spelling!)
(I think my fingers move slower than my brain!)

--

Keith M. Hamilton - N08Z
ak238@yfn.ysu.edu
Youngstown, OH

Piano Technicians Guild
Youngstown Chapter

From owner-qrp-l@netcom.com Wed Mar 15 21:25:10 1995
Date: Wed, 15 Mar 95 17:00:39 PST
From: dh@deneb.csustan.edu (Doug Hendricks)
Message-Id: <9503160100.AA21418@deneb.csustan.edu>
Subject: Mike C's ARCI Letter

Mike,

I too am in agreement with your posting on ARCI and the change. We need to find some people who are willing to work and contribute positive leadership to ARCI. We don't need duplication of efforts, so would you take the responsibility of collecting names of those on the inet list who are willing to serve in some sort of capacity for ARCI? I will answer any questions that the members may have, and my phone number is 209-392-3522, call anytime between 5:00 PM and 11:00 PM Pacific time.

I agree also that we need to restructure the constitution and make it much easier to work with. There is a lot of work to be done, but it is a worth while cause. We definitely need a national organ for QRP, and ARCI is the way to go. There are some rather large regional clubs, but ARCI is the National Club, and it should act as a resource and representative for the regional clubs. NorCal has over 1100 members now, but it does not have national leadership as its focus, nor was it ever intended to. I think the same can be said about the Michigan QRP Club, NorthEast, NorthWest, Colorado QRP Club, St. Louis, Oklahoma, Central Pennsylvania, Illinois, etc. I do believe that all of these clubs are supportive of ARCI.

One thing that I feel is really important is that we all remain positive. Negativism and finger pointing will not accomplish anything. I would hope that everyone will stop and think if what they are doing is a positive act. If it is not, then make it so. We can also generate a lot of enthusiasm for the organization here on the inet. I know there is a huge amount of talent out there, we just have to find it and tap into it.

You are doing a good job of recruiting, keep it up. You have found excellent people and they are doing a good job. Now, we need you to find some more. You have a directive from Buck, and everyone knows where you are coming from. Let me know if I can help you in any way.

72,
Doug
KI6DS

From owner-qrp-l@netcom.com Wed Mar 15 03:06:58 1995
Date: Tue, 14 Mar 1995 23:55:54 -0500
Message-Id: <199503150455.AA01283@yfn2.ysu.edu>
From: ah301@yfn.ysu.edu (Jerry Sy)
Subject: need ride to Qrp Banquet at Dayton

I am interested in attending the QRP Banquet at the Days Inn south at Dayton.

I will be staying at the Hojo Airport hotel. (I don't even know how far this is to Days Inn South). I am going there with a bus tour so I won't have local transportation except from hotel to hara and back.

is there any qrp-l Dayton attendee staying at Hojo airport hotel that can give me a ride ?

or maybe somebody will be kind enough to give me a ride from Hojo to Days Inn then back on Saturday night (and Friday night also if possible).

thanks.
73 de Jerry
AA3KN

From owner-qrp-l@netcom.com Wed Mar 15 17:24:23 1995
Message-Id: <2f674032.pandora@pandora.lugs.po.my>
Date: Thu, 16 Mar 1995 03:29:52 +0800
From: "W. Daniel, 9V1ZV" <daniel@pandora.lugs.po.my>
Subject: OHR Classic Keyer

This relates to all those people who are have the OHR Classic with the keyer option, and all those who got the mini keyer board from me. I have noticed a slight error in the OHR circuit diagram on which the mini keyer was based. The 56k resistor found in the circuit (the one in series with the weight adjustment variable resistor), really should be a 5.6k resistor, not 56k. The circuit will still work, of course, but having a 56k in place of a 5.6k means that your dot-dash ratio is not exactly 1:3, and if you are observant, you may have felt the keying to sound a little strange, and perhaps muddled at higher speeds. This was what happened to me when I finally (after all these months) hooked up my keyer to a real paddle (my new Bencher), and once I tried it on higher speeds, 45 and above, I noticed a muddling of the elements. Looking through the circuit, and at the Curtiss spec sheets, I noticed the mistake made by OHR. So the simple thing to do is to replace the 56k resistor with a 5.6k and you will notice the much improved keying.

73 de 9V1ZV Daniel

--

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+-----+-----+
| Daniel Wee | daniel@pandora.lugs.po.my |
| 9V1ZV      | daniel.wee@f516.n600.z6.fidonet.org |
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From owner-qrp-1@netcom.com Wed Mar 15 15:21:29 1995
Date: Wed, 15 Mar 1995 12:43:05 -0600 (CST)
From: Joe Spencer <jspencer@metronet.com>
Subject: OHR Explorer
Message-Id: <Pine.HPP.3.90.950315123540.23959A-100000@fohnix.metronet.com>

73, Joe Spencer KC5KAG
Arlington, TX . .

"...You might also want to check out the Western Washington DX Club's homepage:

<http://www.eskimo.com/~oolon/wwdxc/> ..." (Jack Fleming, WA0RJY)

"...You may want to sign up to the wlaw bulletin mailing list. To do so, send a message to listserv@netcom.com with the body

subscribe wlaw-list

and you will automatically be added..." (Mike, N1IST)

"...Solarinfo is available from:

1. xi.uleth.ca (use ftp)
Try: pub/solar/iono
pub/solar/aurora
pub/solar/daily
Finger daily@xi.uleth.ca or
Finger solar@xi.uleth.ca or
Finger aurora@xi.uleth.ca will also bring you info.
2. NOAA Space Environment Lab WWW server
URL= <http://www.sel.noaa.gov>
3. Radio catalog at <http://itre.uncecs.edu/radio/>
4. Gopher server gopher.ngdc.noaa.gov for more info contact
gopher@boombox.micro.umn.edu
5. National Geophysical Data Center Mosaic page:
<http://www.ngdc.noaa.gov/ngdc.html>
6. National Geophysical Data Center ftp access:
[ftp.ngdc.noaa.gov](ftp://ngdc.noaa.gov) (192.149.148.109)
login as "anonymous", password is your email address send "?" for
info.
7. National Geophysical Data Center mail addresses:
info@ngdc.noaa.gov
trouble@ngdc.noaa.gov
8. some older access points:
ftp to [selvax.sel.bldrdoc.gov](ftp://selvax.sel.bldrdoc.gov) (132.163.224.10)
username=ftp, password=email address, cd sesc
telnet to [selvax.sel.bldrdoc.gov](telnet://selvax.sel.bldrdoc.gov) (132.163.224.10)
username=scl, no password, vms commands
span set host selvax, or sel hosts 34367::
username=scl, no password, vms commands copy selvax::scl\$scl:read.me
.
9. SEL forecaster contact(older info also) kdoggett@sel.bldrdoc.gov

Many of the WWW pages end up at the same point I think. I have sent them info on what may be useful for hams and they seem interested in providing a Mosaic page for us..." (Dave KY1H)

"...if you take a look at www.primenet.com, there is a list of subscriber home pages. Go to Dave Kelley....his home page contains the info from the latest issue of ADAW (Arizona Desert Aire Waves).." (Roger, AA7QY)

"... lots of info in the following lists: dx@unbc.edu, topband@animas.fro,

and cq-contest@tgvt.com. To subscribe simply type the word "subscribe" in the text of a message. Nothing else. Be sure your internet addr. is in the header..." (Don, K4IUV)

"...These are the ham-related mailing lists available on Netcom. For more info on any of these, send a message with 'info barc-list' in the body. (Replace barc-list with any other list you want info on.)

- arrl-exam-list: amateur radio license examinations scheduled in the US and in some foreign areas.
- arrl-nediv-list: bi-monthly bulletins from the ARRL NE Division director
- arrl-ve-list: Info for ARRL VEs from the VEC
- barc-list: Information, discussion and announcements for the Boston Amateur Radio Club and hams in Eastern Massachusetts.
- qrp-l: Low-power radios - construction and operating
- wlaw-list: ARRL bulletins, news, and information
- newsline-list: Redistribution of Amateur Radio Newsline
- letter-list: Redistribution of the ARRL Letter
- barc-races: RACES in Massachusetts and emergency management
- fox-list: Fox hunting and Radio Direction Finding
- ky1n-list: VE exams in New England
- fieldorg-l: ARRL field organization discussions
- ham-tech: Technical discussions and questions about Amateur Radio

all are run from
listserv@NETCOM.COM ..." (Kevin, N7WIM)

"...A home page site you might want to look at is as follows:
http://akebono.stanford.edu/yahoo/entertainment/radio/amateur_radio/ ..." (Phil, VE1BVD)

"...Try this location. Short menu that will take you anywhere ham radio is! HR Showcase WWW <http://www.accessnv.com/hrshow.html> I think you'll like it..." (Bob, KG7D)

From owner-qrp-l@netcom.com Wed Mar 15 17:24:41 1995
From: "Doyle, Ron" <doyler@uh2297p01.daytonoh.ATTGIS.COM>
Subject: SSB Fox hunt results for March 14, 1995 from the fox
Date: Wed Mar 15 08:25 EST 1995
Message-Id: <2F66EA4F@sdcwinn.daytonoh.attgis.com>

I got home about 8:30 as expected and warmed up to old Heathkit. The kids managed to get in bed before 9:00 and all was going as planned.

Boo Hiss on 40m! Talk about BROKE! I thought I might have heard someone calling me a couple of times but I couldn't pull out any calls over the

s9+20 noise. I heard wb6dxr/7 mobile when I first turned the radio on but couldn't raise him. The rest was pretty bad.

Things picked up on 80m at 10:00pm EST on 3786. I started about 10:05 with ab4el as the first contact. I was a lot happier on 80 since I was starting to make contacts. I went to 3905 at 10:30pm est. Bob, w03b started a trend when he cranked his power down to 750mw. Steve, ab4el, went to 1 watt and then to 250mw. Warren, ad4ze, followed with 1 watt and Steve, went on down to 100mw. pd4ze couldn't resist from cranking his power down and made contact at 500mw. Steve, ab4el then had to turn his power down some more and made the contact at less than 50mw. I figured he turned his radio off and was just Hollering into the mike! QRM was pretty bad but I was able to get his call and 50mw power level. He later came back at 5 watts and said his power on the last contact was closer to 10mw but that I got the 50mw which is what he had said. Now lets see... it's about 500 miles to Raleigh NC from Dayton at 10mw is about 500,000 miles per watt. Hmmm, on SSB too, not bad! These are all very rough calculations of course but it sure beats 1000 miles per watt. 80m was doing a lot better than 40 and made up for the no contacts on 40m.

Thanks to everyone that participated. I had a great time once I found a spot I could make some contacts on. My log follows. Please correct me if I have misread my sloppy notes.

All times are est.

9:00-	9:30pm	7229	Nothing				
9:30-	10:00pm	7212	More nothing				
			Mine His				
10:05		3786	ab4el	Steve	59	59	5 watts in Raleigh NC
10:07			wo3b	Bob	48	59	5 watts
10:08			kc1fb	Jim	48	56	5 watts in CT
10:09			ad4ze	Warren	48	59	NC
10:10			aa2pf	Dave	33	59	Buffalo
10:15			n9dd	Tom	33	48	I think. In Indiana
10:16			kc1fb	Bob			Verify rst from first contact
10:18			n2lvc	Ted	58	58	5 watts
10:26			wb2tjo	Jim	45	47	7 watts w/ 2 to 1 swr
10:27			wa3qkb	LeRoy	48	47	Maryland 10 watts pep
10:40		3905.5	wo3b	Bob	44	48	750mw
10:40			ab4el	Steve	48	59	1 watt
10:41			kc1fb	Jim	59	58	
10:44			ab4el	Steve	33	59	250mw
10:46			ad4ze	Warren	45	55	1 watt
10:48			ab4el	Steve	33	59	100mw
10:52			n1qpr	Al	44	44	ME
10:55			pd4ze		44	55	500mw,

Can't find this one in the call book, Please send me name and qth if your on

the net.

10:56 ab4e1 Steve 22 ?? <50mw

From owner-qrp-1@netcom.com Wed Mar 15 04:30:02 1995
From: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org (Mike Czuhajewski)
Subject: Re: VHF Baluns
Date: Wed, 15 Mar 95 01:09:06 EST5EDT
Message-Id: <1995Mar15.010906.3768@wb3ffv.ampr.org>

We're getting closer to the truth. You are right that type 43 material is nickel-zinc, but it is also a ferrite. There are two "flavors" of ferrites, that one plus manganese-zinc. 73 and Queue Our Pea DE WA8MCQ
--

Mike Czuhajewski, user of the UniBoard System @ wb3ffv.ampr.org
E-Mail: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org
The WB3FFV Amateur Radio BBS - Located in Baltimore, Maryland USA
Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking

From owner-qrp-1@netcom.com Thu Mar 16 00:44:24 1995
From: Michael Marmor <mmarmor@pluto.njcc.com>
Message-Id: <199503160101.UAA12195@pluto.njcc.com>
Subject: Vibroplex
Date: Wed, 15 Mar 1995 20:01:17 -0500 (EST)

>
> Ahhh, another Vibroflex Iambic owner.

Yes - I really like my new Iambic Deluxe! It seems to have 'personality' that some other keyers I have tried lack (ie Bencher :-).
Don't ask me to describe what I mean - I can't - I just like the design of the Iambic better....

>
> I noticed the key makes a clanking noise due to the horizontal paddle arms
> banging against a vertical post. I slipped some shrink wrap tubing over this
> post and applied some heat. that dampened some of the noise.
>
I'll have to try that trick - it is pretty loud now.

> The hard rubber feet allow the key to slide all over the table, get some double sided tape from radio shack and anchor the key to the table, makes
> operating much easier.
>

Yup! Mine slides around too. My fix was to take a pea sized ball of Fun-Tak (the gooey clay-like stuff sold to stick up posters) and insert it into the hole in the bottom of each rubber foot. It doesn't slide anymore, yet can be moved around with out much fuss. My research

shows that the Fun-Tak can be removed without gumming up the feet or the screws that go inside the feet..... (I of course assume no liability should you try this and mess up your favorite key!!! :-)

> I also found the paddles to be too close together, i'm making a set of 1/4" thick plexiglas paddles to replace the thin red plastic paddles.
>

I guess I'm lucky to have small hands. The factory spacing is fine for me.

> Before long this key will be ready to QRP.
>
> Good luck with your shiny new Vibroflex
>
> 72, Byron WA8LCZ

I wonder if any Vibroplex trinkets are available? I would love to put a Vibroplex sticker on my NC40A. How about key-chain fobs? I think I have seen one somewhere before. Mitch, are there official Vibroplex key-chains or other merchandise available?

Speaking of stickers and stuff - Do any of the QRP clubs have official logo stickers that I can put on my 40a?

73 Michael - AA2UJ - mmarmor@pluto.njcc.com

From owner-qrp-l@netcom.com Wed Mar 15 19:20:17 1995
Date: Wed, 15 Mar 95 12:40:03 -0600
From: adams@chuck.dallas.sgi.com (chuck adams)
Message-Id: <9503151840.AA22133@chuck.dallas.sgi.com>
Subject: W9CF

Kevin,

Sorry I don't have your email address.
Thanks for the article on "Studies in the Physiology and Psychology of the Telegraphic Language". I need the reference from what publication it came from to get the plates from the Dallas Library. Thanks.

I'm in the middle of a 20hr/day week gang and will get back. I didn't get home

last night until after midnight, so Mike C.
I will call tonight. I surely didn't want
to get anyone out of a deep sleep.

I haven't disappeared, just two classes that
I haven't seen back to back is a killer on
free time. Expecting OHR Explorer's for 30M
and 20M today, so my work is cut out for me.

Summary is to come as soon as I can get to it.

dit dit to one and all

K5F0/overload :-)

Chuck Adams K5F0 CP-60 adams@sgi.com

From owner-qrp-l@netcom.com Wed Mar 15 09:22:17 1995
Date: Wed, 15 Mar 1995 03:41:24 -0800 (PST)
From: Art Moe <artmoe@agora.rdrop.com>
Subject: WB8VGE
Message-Id: <Pine.3.87.9503150324.A24135-01000000@agora.rdrop.com>

Is WB8VGE on the List? If so could someone send his e-mail address.
Thanks in advance.

art

73's
Arthur Moe Oregon City, Or
A.R.S. KB7WW 45-19-22 N 122-36-37 W CN85
artmoe@agora.rdrop.com At the end of the Oregon Trail

From owner-qrp-l@netcom.com Thu Mar 16 00:38:33 1995
From: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org (Mike Czuhajewski)
Subject: Re: WB8VGE
Date: Wed, 15 Mar 95 20:30:17 EST5EDT
Message-Id: <1995Mar15.203017.22338@wb3ffv.ampr.org>

No, WB8VGE is NOT on the list--he mentioned that in private e-mail
recently--but he is available via e-mail: 73357.222@compuserve.com

73 and Queue Our Pea DE WA8MCQ

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Mike Czuhajewski, user of the UniBoard System @ wb3ffv.ampr.org
E-Mail: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org
The WB3FFV Amateur Radio BBS - Located in Baltimore, Maryland USA
Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking

From owner-qrp-1@netcom.com Wed Mar 15 12:40:33 1995
From: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org (Mike Czuhajewski)
Subject: WN2V resig. letter and commentary
Date: Wed, 15 Mar 95 07:35:47 EST5EDT
Message-Id: <1995Mar15.073547.21536@wb3ffv.ampr.org>

>From WA8MCQ, 14 March 1995: Here is the text, word for word, of the resignation letter of WN2V. Although it was addressed to the "inner circle", he authorized me to share it publicly on the QRP list. My personal commentary follows it.

6 March 95

To: All Board members and Directors;

It has been a year since I became Acting President. During that time I don't feel that I've been able to be effective as President of this club [QRP Amateur Radio Club International]. We have only a few board members that are still current and my feelings are that only a radical change in Club by-laws and operating procedure will keep the club going. At this time with pressing personal matters and a lack of desire to carry on, I officially resign as President of the QRP ARCI. The Vice president, Buck Switzer, will have to assume the leadership of the club until you elect a new president.

I have thought very deeply as to what course the club should steer. Listed below is my idea of what it would take to turn things around.

1. Eliminate the offices of president, vice president, and secretary/treasurer.
2. Select a General Secretary who would have authority to get things done accountable to a Board of Directors.
3. The Board of Directors would only have to approve expenses above \$500 and rule on policy changes. They would not have to be ask [sic] to approve every little thing.
4. The General Secretary could enlist the aid of volunteers to chair various depts.
5. The old constitution and by-laws would be thrown out and a new simpler one written, and new incorporation if required.

I am wishing you all much success and I am happy to have done what I could for QRP. 72, Les Shattuck, WN2V

[end of letter]

The following are personal WA8MCQ comments, and not to be construed as an official pronouncement from the QRP ARCI. I speak only for myself, although I did read this over the phone to both N8CQA and WN2V and incorporated some of their additional comments.

First, a word about Buck Switzer--he told me that he is accepting the position of Interim or Acting President, and will step down when a suitable candidate appears and is voted into office by the Board of Directors (and Officers? not sure exactly what the procedure is). He told me I should continue what I have been doing for some time now, which is trying to find a suitable candidate who is willing to be the President. Although I have never really made it very clear (and may never have even mentioned it), everything I have been doing in recent months--recruiting Board of Director candidates, Presidential candidates, various staff positions for the QRP Quarterly, etc--has always been done with close coordination with the sitting President and full approval beforehand. Although I may have frequently given the impression, I am not a "committee of one doing all the appointing". (That's not a swipe at K5F0; although I think those words are his, I have received the same comment from a number of people, and it's entirely my fault for not making it clear that I was always acting with approval of the President.)

Talking to Les on the phone, he does not necessarily expect that these somewhat radical recommendations will be followed. There have been a number of detailed, well thought out suggestions from people in the last couple years, such as Rich Arland, K7YHA, and Fred Bonavita, W5QJM, suggesting overhauling the power structure of the club, streamlining it and making it more responsive. Few, of any, of the changes have been implemented, for various reasons, but it seems to be agreed on by many that the club does need to do some serious thinking about its structure, purpose, aim and direction, etc. My own feelings are that the size of the BoD should be reduced significantly, since it is extremely difficult to work with 11 people via mail to get discussion, a consensus and vote. It is, of course, crucial that if we have a smaller board it must be staffed entirely by people who will be actively involved at all times and fully support the President, whoever that may be.

One problem that Les experienced was the tremendous enthusiasm and support of Dayton gradually tapering off in the following months. This is, of course, not an indictment against any of the people

involved, since we all know this happens to any organization of any sort--it's just basic human nature and virtually inevitable, at least to some degree, and Buck knows it will occur and is a potential problem for him as well.

During recent months I repeatedly asked Les to officially define who the Board of Directors consists of, but he consistently declined to do so before Dayton. Although there are ten names listed on the back page of the QRP Quarterly (one position on the 11 member board is unfilled), the terms of many of them expired at the ends of 1993 and 1994 (normally, a third of the board is replaced every year). At the end of 1993, those expiring were asked to remain on the Board for some period (the length of which I do not know). To the best of my knowledge, that was not done at the end of 1994.

Those who have unexpired terms as Board members are myself, along with Danny Gingell, K3TKS and Bob Hajdak, N8CMZ. All three of our terms expire at the end of 1995; this can be verified by checking past issues of the QRP Quarterly (I do not have the specific issue at hand right now). At Dayton in 1994, Doug Hendricks, KI6DS, was appointed to the Board. I do not know what the term was, but it may have been for a full three year term. [I had a call from him later, even he does not know what his term or status is.] Aside from these 4 people, I am unable to discern the true makeup of the Board. I talked with a few people recently who were asked to stay on. One said that he no longer considered himself a board member, and another said he did.

During 1994, Les requested people interested in being on the Board to submit their nominations, and I know of at least one who did. (Tonight, Les told me five people responded to him.) For reasons that are unclear to me, there were no calls for elections in either of those years (1993 and 1994); I was very disappointed at that, since I had found several good candidates for the Board in both years. If any of those people are still interested, or if any other members are interested in being on the Board, Buck Switzer, N8CQA, requests that you contact him with a brief resume to throw your hat in the ring. (654 Georgia, Marysville, MI 48040) He would like this done before Dayton. (By the way, those two years with no elections cover two different administrations of the club. Little would be accomplished by trying to place blame on specific individuals, and, considering all the facts as I believe them to be, there really are no clear cut "villains", anyhow; it's just something that happened, and needs to be put behind us.)

Those who will be attending the meeting at Dayton (which may possibly be opened up to observers) should be prepared for an interesting, demanding and intense time, and probably won't be disappointed.

There are many important topics to be covered, and surely many hard decisions to be made. After talking to Buck and Les, I believe it is not inconceivable that the by-laws (or constitution or whatever we have) may be scrapped and completely rewritten on the spot. They may also produce two separate documents, a short set of by-laws together with a longer, more detailed set of "operating procedures". (Remember, this is personal commentary and not an official club pronouncement :-))

After most of this was written I had a long conversation with Doug Hendricks. We covered a wide range of topics relating to the operation and structure of the club and QRP Quarterly and are pretty much in agreement on most topics. More importantly, he and I both have high hopes for the future and strong commitments to it, for putting the past behind us and moving the club forward. (Although I did not bring it up during our conversation, I hope we will both survive any possible "purge" of the Board--after all, this is an era in America of anti-incumbent fever :-))

I am always more than glad to discuss the details of this and other background information on the phone (410-551-1633 home); I don't know if even the key players know all the facts, myself included, but I am willing to share my knowledge and perspective. (I have been in regular contact with WN2V during his entire presidency, as well as other people.)

Copies of this are being sent to QRP-L as well as several individuals, some of whom are not subscribers to QRP-L. Due to limitations of the system I operate under I can only put a limited number of addresses on each outgoing message, so several mailings will be required. Addressees include WN2V, N8CQA, N8DHT, KI6SN, N6GA, K7YHA, K3TKS, N8CMZ, WB8VGE, KI6DS, WB9TBU, W1FMR, N5DUQ, K5FO, WB6TPU, W1HUE, WB2QAP, AA4XX, AC4HF, N2CX, W0RSP, W6TOY, K8DD. (KI5AY should also get a copy but I am not sending him one; I do not know if he has e-mail, and US mail sent to two different addresses was returned.)

73 and Queue Our Pea DE WA8MCQ

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Mike Czuhajewski, user of the UniBoard System @ wb3ffv.ampr.org
E-Mail: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org
The WB3FFV Amateur Radio BBS - Located in Baltimore, Maryland USA
Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking